

Exploration of Other Destinations (5)
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THE APPLICATION OF ASTROMETRY ON NEARBY TERRESTRIAL EXO-PLANETS DETECTION

Abstract

We developed the precision astrometry technique via the metrology on the focal plane at micro-pixel level. The final designed precision will be up to micro-arc second which is ideal for the nearby earth like exoplanets detection. The overall design and some relevant requirements are introduced and discussed in this paper.